

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

APPLICANT: Reed et al.

GROUP: Unknown

SERIAL NO: Unknown

EXAMINER: Unknown

FILED: Herewith

FOR: SHOCK-WAVE MODULATION AND CONTROL OF ELECTROMAGNETIC
RADIATION

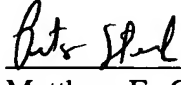
Mail Stop Patent Application
Commissioner of Patents
P.O. Box 1450
Alexandria, VA 22313-1450
Sir:

INFORMATION DISCLOSURE STATEMENT

In compliance with 37 C.F.R. §§1.56, 1.97, and 1.98, Applicant submits copies of the documents listed on the attached Form PTO-1449.

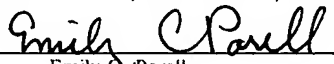
The Commissioner is authorized to charge Deposit Order Account No. 19-0079 for any further fee that may be required.

Respectfully submitted,

 Reg. No. 47,259
Matthew E. Connors
Registration No. 33,298
Gauthier & Connors, LLP
225 Franklin Street, Suite 3300
Boston, Massachusetts 02110
Telephone: 617-426-9180, extension 112

CERTIFICATE OF EXPRESS MAIL UNDER 37 C.F.R. §1.10

I hereby certify that this Information Disclosure Statement and the documents referred to as enclosed therein are being deposited with the United States Postal Service on April 8, 2004 in an envelope as "Express Mail Post Office to Addressee" Mailing Label Number EV383580175US addressed to the: Mail Stop Patent Application, Commissioner of Patents, P.O. Box 1450, Alexandria, VA 22313-1450.


Emily C. Porell

FORM PTO-1449
(Rev. 5/92)GAUTHIER & CONNORS LLP
225 Franklin Street, Boston, MA 02110
Telephone: (617) 426-9180**INFORMATION DISCLOSURE
STATEMENT BY APPLICANT**9682CIP
ATTORNEY DOCKET NO.

APPLICANT: Reed et al.

FILING DATE: Herewith

Unknown
SERIAL NO.

GROUP: Unknown

EXAMINER: Unknown

U.S. PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						

FOREIGN PATENT DOCUMENTS

EXAMINER INITIAL		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AF						
	AG						
	AH						

OTHER DOCUMENTS (Including Author, Title, Date, Pertinent Pages, Etc.)

EXAMINER INITIAL		
	AI	"Highly Efficient Frequency Conversion with Time-Dependent Photonic Crystals," Reed et al. Dept. of Physics: Massachusetts Institute of Technology. February 2004.
	AJ	"Reversed Doppler Effect in Photonic Crystals," Reed et al. <i>Physical Review Letters</i> . September 2003. Vol. 91, No. 13.
	AK	"Color Shock Waves in Photonic Crystals," Reed et al. <i>Physical Review Letters</i> . May 2003. Vol. 90, No. 20.
	AL	"The color of shock waves in photonic crystals," Reed et al. Dept. of Physics: Massachusetts Institute of Technology.
	AM	
	AN	
	AO	

EXAMINER

DATE CONSIDERED

EXAMINER:

Initial if citation considered, whether or not citation is in conformance with MPEP 609; draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.